

## Cooper, Jamal

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**From:** Cooper, Jamal  
**Sent:** Thursday, August 24, 2017 2:08 PM  
**To:** Edwards, Andrew  
**Subject:** RE: SC and EPA Joint Water Meeting

Drew,

Thanks for the heads up. We are making final minor changes to the document to add your topics of interest. The additions to the Water Quality Standards and 303(d) and TMDL agenda may be pushed to Wednesday morning after meeting with the Monitoring group due to running out of time in their respective meeting times. I will forward them along as they are finalized but no major changes should arise.

Looking forward to meeting everyone,

Jamal Cooper  
Water Quality Standards Section  
Water Protection Division  
U.S. Environmental Protection Agency  
Region 4, Atlanta, GA 30303  
404-562-9314

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**From:** Edwards, Andrew [mailto:EDWARDAJ@dhec.sc.gov]  
**Sent:** Thursday, August 24, 2017 2:00 PM  
**To:** Cooper, Jamal <cooper.jamal@epa.gov>  
**Subject:** RE: SC and EPA Joint Water Meeting

Jamal,

I will be out of the office tomorrow and Monday, but I wanted to make sure you have what you need for next week. I have reserved a decent size conference room for next Tuesday and Wednesday, and after discussion among staff here there was consensus that not everyone will attend the entire meeting. Based on the draft agenda you sent earlier folks from our staff will attend the meeting at the times appropriate for their section. If there are any updates to the agenda prior to the meeting let me know so I can forward that to everyone here.

Our office is located at 2600 Bull Street, Columbia, SC 29201. When you arrive next week everyone will need to grab a visitor's badge and sign in at the front desk. Mention that you're here for a meeting and give the receptionist my name. She will call me so I can come escort you to the conference room.

We're looking forward to meeting everyone next week.  
Thanks,

**Andrew J. Edwards, PE**  
Water Quality Standards Coordinator  
**S.C. Dept. of Health & Environmental Control**  
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**From:** Edwards, Andrew  
**Sent:** Wednesday, August 23, 2017 9:34 AM  
**To:** 'Cooper, Jamal' <[cooper.jamal@epa.gov](mailto:cooper.jamal@epa.gov)>  
**Subject:** RE: SC and EPA Joint Water Meeting

Hey Jamal,

Thanks for sending over this agenda for the meeting. As of now I have the following, and if anything changes between now and next week I will let you know.

- Drew Edwards – confirmed
- Michael Montebello – not confirmed, meeting conflicts
- Jeff deBessonnet – confirmed
- Heather Preston – confirmed
- Wade Cantrell – confirmed
- Matt Carswell – confirmed
- Jim Glover – cannot attend
- David Eargle – attending for Jim Glover
- Dale Stoudemire – cannot attend

Topics of interest for some of our folks include:

- Human health criteria
- Narrative criteria and its application
- Tiered aquatic life uses framework
- Examples from other states on the application of use attainability analysis
- Application of numeric criteria of natural waters to 303(d) and TMDL development
- Use of fish tissue criteria to extrapolate a water quality value for 303(d), TMDL, and permitting

Thank you for sending the petition. We will review these documents in preparation for our discussions next week.

**Andrew J. Edwards, PE**  
Water Quality Standards Coordinator  
**S.C. Dept. of Health & Environmental Control**  
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**From:** Cooper, Jamal [<mailto:cooper.jamal@epa.gov>]  
**Sent:** Tuesday, August 22, 2017 4:04 PM  
**To:** Edwards, Andrew <[EDWARDAJ@dhec.sc.gov](mailto:EDWARDAJ@dhec.sc.gov)>  
**Subject:** RE: SC and EPA Joint Water Meeting

Drew,

A draft agenda is included below. Please let me know if you have any additional items you'd like to add.

**August 29-30**

**Tuesday, August 29, 2017**

- **1:00-1:15**            **Welcome and Introductions**
  
- **1:15-3:15**            **Water Quality Standards - 2 hours**
  - SC triennial review plans
    - cadmium, ammonia and HH criteria
    - Nutrients
  
- **3:15-3:30**            **Break**
  
- **3:30-5:00**            **Assessment, Listings, and TMDLS - 1-2 hours**
  - Catawba updates (model/TMDL/5r)
  - Long term priorities update, Reasonable Assurances, within TMDL supplemental information requirements
  - SC Water Withdrawal Petition/assessing hydrologically altered waters

**Wednesday, August 30, 2017**

- **8:00-10:30**            **Monitoring Program / 106 Grants / WQ Modeling - 2+ hours**
  - Monitoring Program Overview
  - FY17/18 Sampling Activities
  - Planned NARS Participation (FY18/19 River and Streams)
  - SOD Sampling-Reedy River
  - WQ Modeling Support Request
  
- **10:30-10:45**            **Break**
  
- **10:45-11:30**            **Additional Agenda items by State not addressed**
  
- **11:30-12:00**            **Wrap up/Action Items**

An important item of note is the water withdrawal petition. To prepare for the discussion I've attached the petition and the 4 part test FAQ for new or revised water quality standards under CWA 303(c)3 and a link to the [2016 IR Guidance](#). See pages 13-16 for the section on putting hydrologically altered waters in Category 4C.

Thanks,

Jamal Cooper  
Water Quality Standards Section  
Water Protection Division  
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Region 4, Atlanta, GA 30303  
404-562-9314

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**From:** Cooper, Jamal  
**Sent:** Friday, August 18, 2017 2:43 PM  
**To:** 'Edwards, Andrew' <[EDWARDAJ@dhec.sc.gov](mailto:EDWARDAJ@dhec.sc.gov)>  
**Subject:** RE: SC and EPA Joint Water Meeting

Drew,

Travelling from EPA will be: me, Joanne Benante, Joseph Pohnan, Lisa Perras Gordon, Annie Godfrey, Gracy Danois, Johnnie Purify, Glenn Fernandez, and Chris Decker. I'll send our draft agenda and any items of note early next week.

Have a good weekend,

Jamal Cooper  
Water Quality Standards Section  
Water Protection Division  
U.S. Environmental Protection Agency  
Region 4, Atlanta, GA 30303  
404-562-9314

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**From:** Edwards, Andrew [<mailto:EDWARDAJ@dhec.sc.gov>]  
**Sent:** Wednesday, August 16, 2017 10:40 AM  
**To:** Cooper, Jamal <[cooper.jamal@epa.gov](mailto:cooper.jamal@epa.gov)>  
**Subject:** RE: SC and EPA Joint Water Meeting

Hey Jamal,

I'm still waiting on confirmations of everyone here who will attend. As soon as I have a completed list of attendees I will send it over. Who all will be travelling from Atlanta with you? I am also gathering ideas for discussion, but did you have anything specific in mind you would like to address?

Thanks,

**Andrew J. Edwards, PE**  
Water Quality Standards Coordinator  
**S.C. Dept. of Health & Environmental Control**  
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**From:** Cooper, Jamal [<mailto:cooper.jamal@epa.gov>]  
**Sent:** Monday, August 14, 2017 12:54 PM  
**To:** Edwards, Andrew <[EDWARDAJ@dhec.sc.gov](mailto:EDWARDAJ@dhec.sc.gov)>  
**Cc:** Montebello, Michael <[MONTEBMJ@dhec.sc.gov](mailto:MONTEBMJ@dhec.sc.gov)>  
**Subject:** SC and EPA Joint Water Meeting

Drew,

As the joint meeting on the 29<sup>th</sup>/30<sup>th</sup> comes closer, can you verify the list of attendees from DHEC and a draft agenda? We want to make sure your topics of discussion are addressed, so that we may have a successful visit.

Thanks,

Jamal Cooper  
Water Quality Standards Section  
Water Protection Division  
U.S. Environmental Protection Agency  
Region 4, Atlanta, GA 30303  
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